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(54) SYSTEMS, METHODS, AND KITS FOR DIAGNOSTICS AND TREATMENT OF VIRAL RESPIRATORY INFECTION

(71) Applicant: Applied Biology, Inc., Irvine, CA (US)

(72) Inventors: Ofer A. Goren, Irvine, CA (US); John McCoy, Irvine, CA (US)

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ABSTRACT (57)

Systems, methods, and kits for treating, preventing, and diagnosing viral infection using an androgen mediated pathway are described. Additionally, methods and kits for guiding treatment of viral respiratory disease are described by a method for testing for polymorphisms in the androgen receptor gene. Further, systems and methods for treatment of viral respiratory disease with various anti-androgens is detailed. Finally, systems, methods, and kits for treating, preventing, and diagnosing SARS-CoV-2 (COVID-19) are presented.